

SUB E1
D1
compound selected from the group consisting of magnesium oxide, magnesium hydroxide, mixtures of magnesium oxide and magnesium hydroxide and magnesium hydroxycarbonate.

D2
6. (Twice Amended) A process for the purification of a gas, comprising introducing a reactive composition of Claim 1 into the gas and subjecting the gas to removal of dust.

The amendment of claim 6 above was presented in the prior amendment in the MARKED UP VERSION Section; however, there was an error in transcription to page 2 of that prior paper.

Please cancel Claim 11 and add new Claim 12:

D3
12. A non-caking solid pulverulent reactive composition for the purification of a gas containing HCl, HF, sulfur oxide, nitrogen oxide, dioxins, furans, and admixtures thereof, consisting essentially of

sodium bicarbonate and

a caking inhibitor for sodium bicarbonate,

said inhibitor is selected from the group consisting of lignite coke, a magnesium compound and admixtures thereof, wherein said magnesium compound is selected from the group consisting of magnesium oxide, magnesium hydroxide, mixtures of magnesium oxide and magnesium hydroxide and magnesium hydroxycarbonate;

wherein said composition is devoid of silica which interferes with said purification.

SUB E2